

WHAT IS CLAIMED IS:

Sub B1

1. A power supply control device comprising:

first and second power supply input terminals

a power supply input detection unit determining whether an input of said second power supply input terminal is above a predetermined value;

5 a switching unit cutting off power supplied by said first power supply input terminal and activating a power supplied by said second power supply input terminal if the input to said second power supply input terminal is above the predetermined value;

and

a power supply processor processing the power supplied by one of said first or second power supply input terminals.

2. The power supply control device according to claim 1, wherein said first power supply input terminal is connected to an interface power supply and said second power supply input terminal is connected to an AC adapter.

Sub B2

3. The power supply control device according to claim 1, wherein said switching unit includes

a switch activating or deactivating the power supplied by said first power supply input terminal, and

5 a switch control unit driving the switch thereby cutting off the power supplied

B2
by said first power supply input terminal if the power supplied by said second terminal is greater than the predetermined value.

3² The power supply control device according to claim 3², wherein a backflow prevention unit is disposed in a power supply lead from said first power supply input terminal and a power supply lead from said second power supply input terminal.

Sub B3
5. The power supply control device according to claim 1, wherein said switching unit is includes
a first switch activating or deactivating the power supplied by said first power supply input terminal;
a second switch which activating or deactivating the power supplied by said second power supply input terminal; and
a switch control unit driving one of the first and second switches, thereby activating the power supplied by said first power supply input terminal when there is no power supplied by said second power supply input terminal according to a result from said power supply input detection unit, and driving the other of the first and second switches, thereby activating the power supplied by said second power supply input terminal when the power supplied by said second power supply input terminal is greater than the predetermined value.

second power supply input terminal; and

a switch control unit which drives one switch and thereby activates the power supply from said first power supply input terminal when there is no power supply from said second power supply input terminal according to a result from said power supply input detection unit, and which drives another switch and thereby activates the power supply from said second power supply input terminal when the power supplied by said second power supply input terminal is greater than the predetermined value.

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~~12.~~

The information processing device according to claim ~~9~~⁷, wherein said switch comprises a field effect transistor.

~~11~~
~~13.~~

The information processing device according to claim ~~7~~⁶, wherein the interface is a USB-specified or an IEEE-specified interface.

~~12~~
~~14.~~

The information processing device according to claim ~~7~~⁶, wherein the information processing device is a storage device which processes a disk form, card form or tape form of a storage medium.

Sub B5

~~15.~~

A power supply control device comprising:
first and second input terminals;

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6. The power supply control device according to Claim 3, wherein the switch includes a field effect transistor.

7. An information processing device having an interface which receives or transmits information to and from another information processing device and a power supply control device to which a predetermined power supply is provided, comprising:

- a first power supply input terminal to which a power supply is provided via said interface;
- a second power supply input terminal to which a power supply is provided via another power supply source other than the interface;
- a power supply input detection unit which detects an instance when the input of said second power supply input terminal is above a predetermined value;
- a switch unit which cuts off a power supply from said first power supply input terminal and activates a power supply from said second power supply input terminal when the input from said second power supply input terminal is above the predetermined value according to said power supply input detection unit; and
- a power supply processor which, for the predetermined power supply, processes the power supply supplied via said first or second power supply input terminals.

8. The information processing device according to Claim 7, wherein said

first power supply input terminal is connected to an interface power supply and said second power supply input terminal is connected to an AC adapter.

9. The information processing device according to claim 7, wherein said switch unit includes

a switch which activates or deactivates a power supply from said first power supply input terminal, and

a switch control unit which drives the switch and thereby cuts off a power supply from said first power supply input terminal when there is a supply of more than the predetermined value from said second power supply input terminal according to a result from said power supply input detection unit.

10. The information processing device according to Claim 9, wherein a backflow prevention unit is disposed in a power supply lead from said first power supply input terminal and said second power supply input terminal, respectively.

11. The information processing device according to Claim 7 or 8, wherein said switch unit includes

a first switch which activates or deactivates the power supply from said first power supply input terminal;

a second switch which activates or deactivates the power supply from said

Sub B5 } a detection unit determining whether an input of said second power supply input terminal is above a predetermined value; and

a switching unit cutting off power supplied by said first input terminal and activating a power supplied by said second input terminal if the input to said second input terminal is above the predetermined value.

16. A method of controlling a power supply control device comprising:
determining whether an input of a second power supply input terminal is above a predetermined value; and

switching off power supplied by a first input terminal and activating a power supplied by the second input terminal if the input to the second input terminal is above the predetermined value.

Add B6 }